

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	27	AUG 11	Derwent World Patents Index(R) web-based training during August
NEWS	28	AUG 11	STN AnaVist workshops to be held in North America
NEWS	29	AUG 30	CA/CAPLUS - Increased access to 19th century research documents
NEWS	30	AUG 30	CASREACT - Enhanced with displayable reaction conditions
NEWS EXPRESS	JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS INTER	General Internet Information		
NEWS LOGIN	Welcome Banner and News Items		
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN		
NEWS WWW	CAS World Wide Web Site (general information)		

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:43:23 ON 06 SEP 2005

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:43:36 ON 06 SEP 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 SEP 2005 HIGHEST RN 862458-90-0

DICTIONARY FILE UPDATES: 5 SEP 2005 HIGHEST RN 862458-90-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L1 STRUCTURE UPLOADED

=> s sam l1

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.29	1.50

FULL ESTIMATED COST

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SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:45:09 ON 06 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 12:46:55 ON 06 SEP 2005
FILE 'REGISTRY' ENTERED AT 12:46:55 ON 06 SEP 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.29	1.50

=>

L2 SCREEN CREATED

=>

L3 STRUCTURE UPLOADED

=>

L4 QUE L3 AND L2

=> s l4 sam

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.15	2.36

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:48:23 ON 06 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 12:53:55 ON 06 SEP 2005
FILE 'REGISTRY' ENTERED AT 12:53:55 ON 06 SEP 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.58	2.79

=>

L5 SCREEN CREATED

=>

L6 STRUCTURE UPLOADED

=>

L7 QUE L6 AND L5

=> s sam 17

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

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=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.01

3.22

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:54:34 ON 06 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 13:30:08 ON 06 SEP 2005

FILE 'REGISTRY' ENTERED AT 13:30:08 ON 06 SEP 2005

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.01

3.22

=>

L8 SCREEN CREATED

=>

L9 STRUCTURE UPLOADED

=>

L10 QUE L9 AND L8

=> s sam l10

SAMPLE SEARCH INITIATED 13:30:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7101 TO ITERATE

28.2% PROCESSED 2000 ITERATIONS

23 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 136969 TO 147071

PROJECTED ANSWERS: 1091 TO 2175

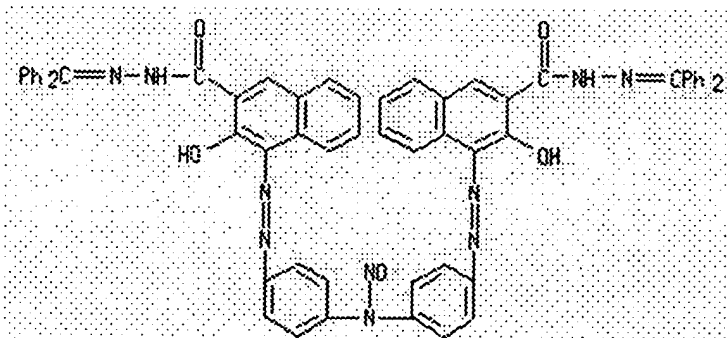
L11 23 SEA SSS SAM L9 AND L8

=> d scan

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 2-Naphthalenecarboxylic acid, 4,4'-[(nitrosoimino)bis(4,1-phenyleneazo)]bis[3-hydroxy-, bis[(diphenylmethylene)hydrazide] (9CI)

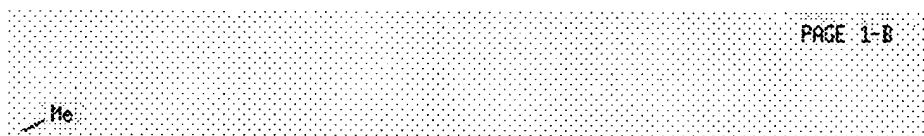
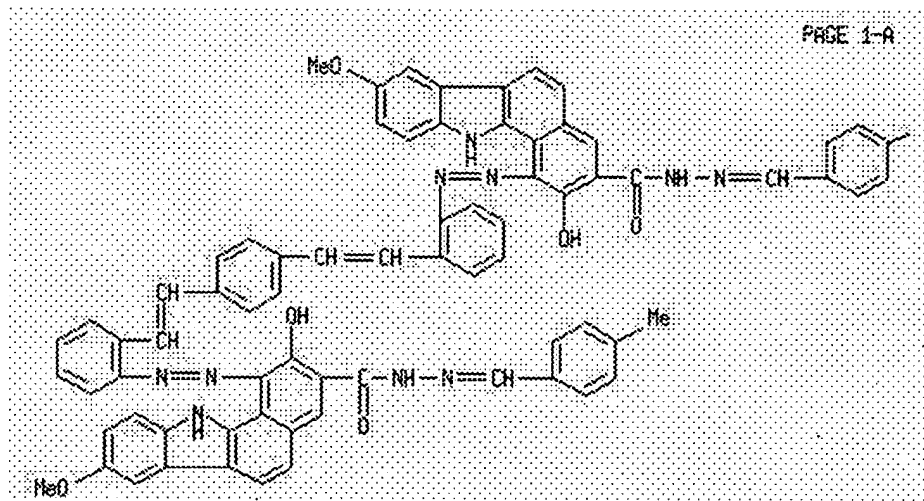
MF C60 H42 N10 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

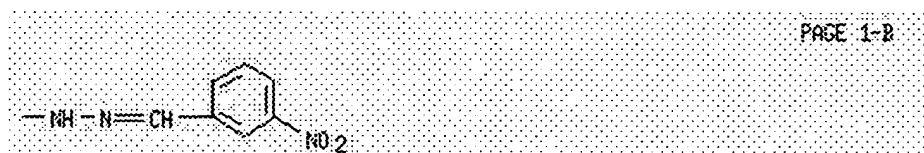
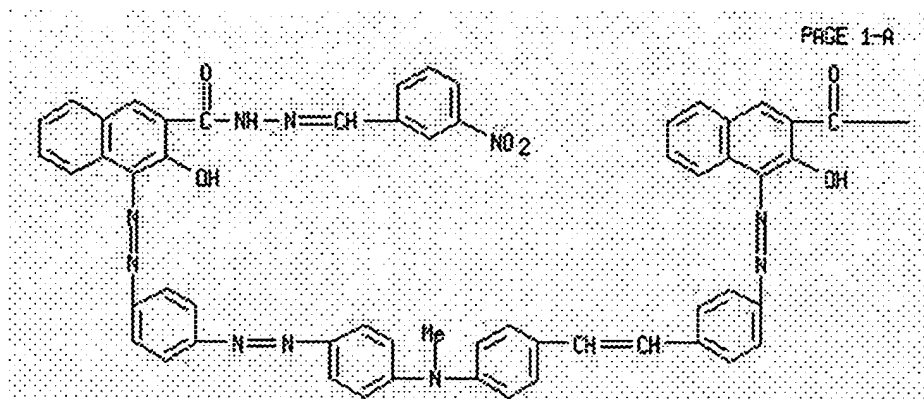
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 11H-Benzo[a]carbazole-3-carboxylic acid, 1,1'-[1,4-phenylenebis(2,1-ethenediyl-2,1-phenyleneazo)]bis[2-hydroxy-8-methoxy-,
 bis[[4-methylphenyl)methylene]hydrazide] (9CI)
 MF C74 H56 N10 O6



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

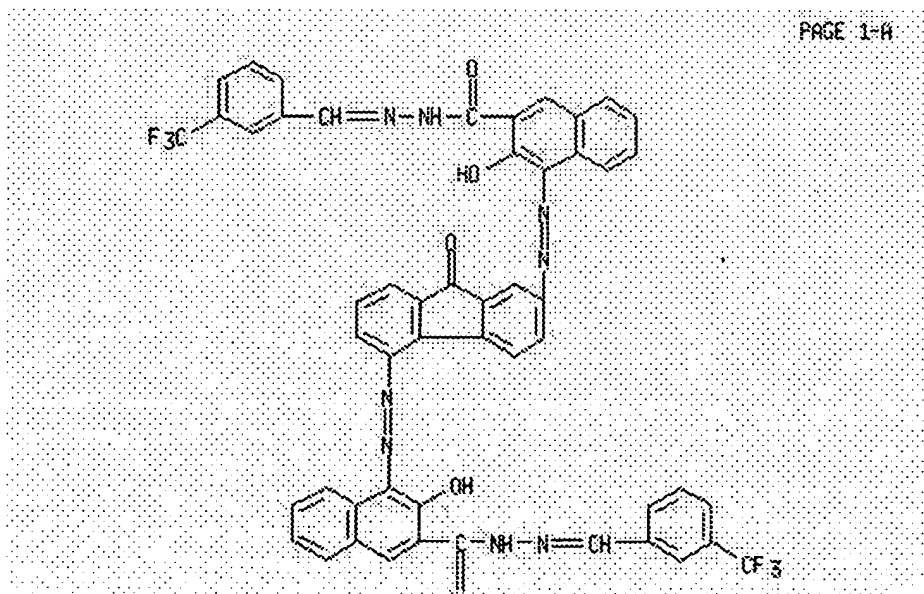
L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[[4-[2-[4-[[4-[[2-hydroxy-3-[[[(3-nitrophenyl)methylene]hydrazino]carbonyl]-1-naphthalenyl]azo]phenyl]azo]phenyl]methylamino]phenyl]ethenyl]phenyl]azo]-, [(3-nitrophenyl)methylene]hydrazide (9CI)
 MF C63 H45 N13 O8



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4'-[(9-oxo-9H-fluorene-2,5-diyl)bis(azo)]bis[3-hydroxy-, bis[[3-(trifluoromethyl)phenyl]methylene]hydrazide] (9CI)
 MF C51 H30 F6 N8 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.30	4.51

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:32:12 ON 06 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 13:35:48 ON 06 SEP 2005
FILE 'REGISTRY' ENTERED AT 13:35:48 ON 06 SEP 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.73	4.94

=> d his

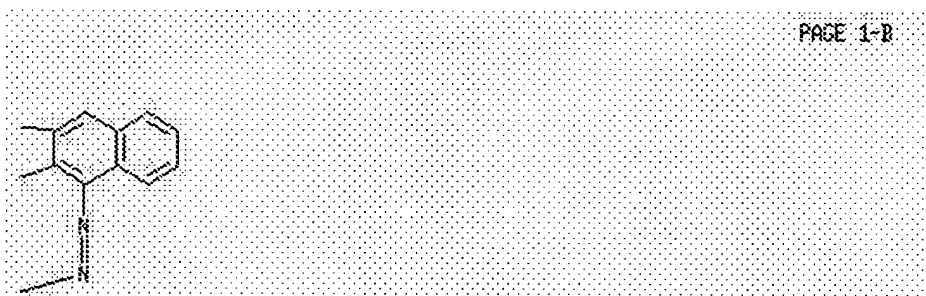
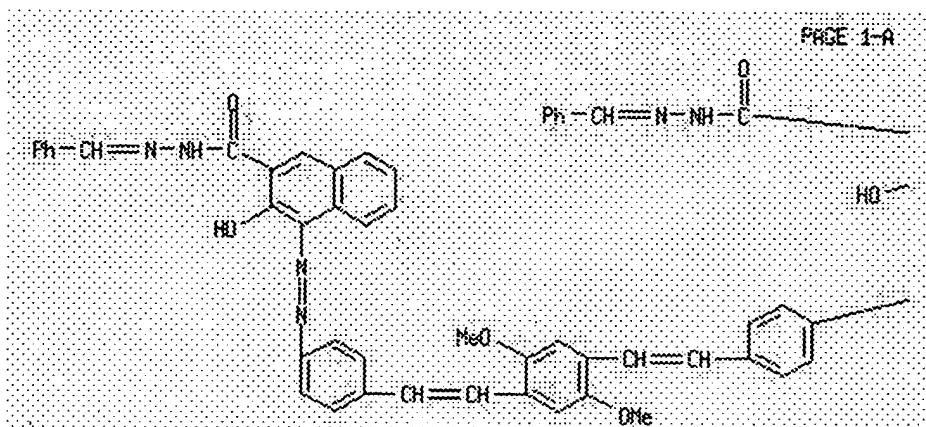
(FILE 'HOME' ENTERED AT 12:43:23 ON 06 SEP 2005)

FILE 'REGISTRY' ENTERED AT 12:43:36 ON 06 SEP 2005

L1	STRUCTURE UPLOADED
L2	SCREEN 1996
L3	STRUCTURE UPLOADED
L4	QUE L3 AND L2
L5	SCREEN 1996
L6	STRUCTURE UPLOADED
L7	QUE L6 AND L5
L8	SCREEN 1996
L9	STRUCTURE UPLOADED
L10	QUE L9 AND L8
L11	23 S SAM L10

=> d scan

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Naphthalenecarboxylic acid, 4,4'-[(2,5-dimethoxy-1,4-phenylene)bis(2,1-ethenediyl-4,1-phenyleneazo)]bis[3-hydroxy-, bis[(phenylmethylene)hydrazid e] (9CI)
MF C60 H46 N8 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

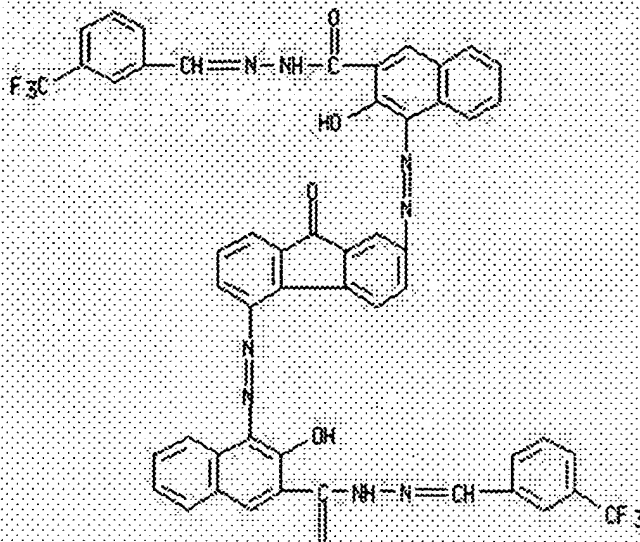
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 2-Naphthalenecarboxylic acid, 4,4'-[(9-oxo-9H-fluorene-2,5-diyl)bis(azo)]bis[3-hydroxy-, bis[[[3-(trifluoromethyl)phenyl]methylene]hydrazide] (9CI)

MF C51 H30 F6 N8 O5

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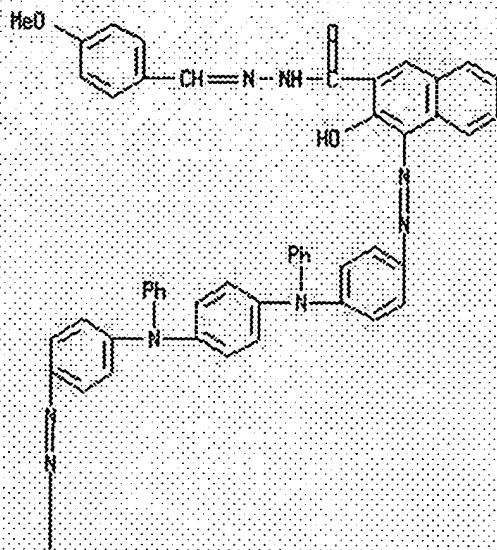
PAGE 2-A

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

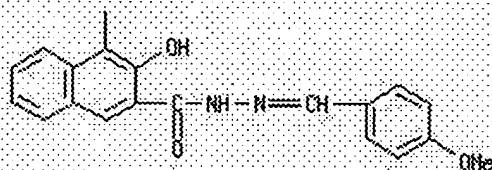
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4'-[1,4-phenylenebis((phenylimino)-4,1-phenyleneazo)]bis[3-hydroxy-, bis[[4-methoxyphenyl)methylene]hydrazide] (9CI)
 MF C68 H52 N10 O6

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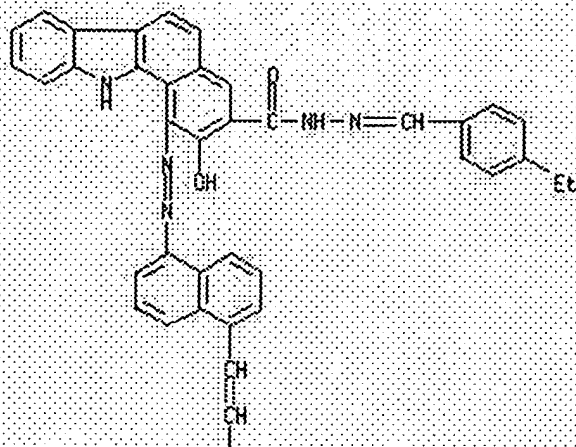


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

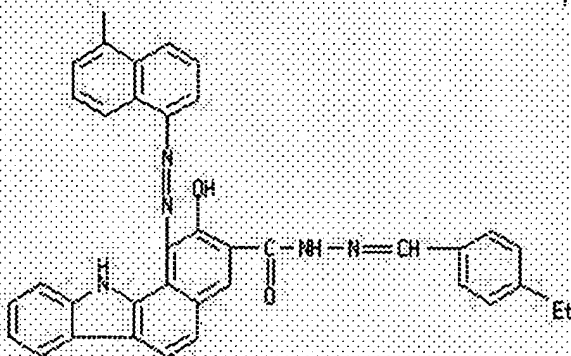
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L11 23 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 11H-Benzo[a]carbazole-3-carboxylic acid, 1,1'-[1,2-ethenediylbis(5,1-naphthalenediylazo)]bis[2-hydroxy-, bis[[4-ethylphenyl)methylene]hydrazide] (9CI)
 MF C74 H54 N10 O4

PAGE 1-A



PAGE 2-A



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.02

6.23

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:37:40 ON 06 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 13:41:43 ON 06 SEP 2005

FILE 'REGISTRY' ENTERED AT 13:41:43 ON 06 SEP 2005

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.02

6.23

=>

STN Columbus

L12 SCREEN CREATED

=>

L13 STRUCTURE UPLOADED

=>

L14 QUE L13 AND L12

=> s sam l14

SAMPLE SEARCH INITIATED 13:42:48 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7101 TO ITERATE

28.2% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 136969 TO 147071

PROJECTED ANSWERS: 0 TO 0

L15 0 SEA SSS SAM L13 AND L12

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.88

7.09

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:43:02 ON 06 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 13:45:10 ON 06 SEP 2005

FILE 'REGISTRY' ENTERED AT 13:45:10 ON 06 SEP 2005

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.88

7.09

=>

L16 SCREEN CREATED

=>

L17 STRUCTURE UPLOADED

=>

L18 QUE L17 AND L16

=> s sam l18

SAMPLE SEARCH INITIATED 13:45:53 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7101 TO ITERATE

28.2% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 136969 TO 147071

PROJECTED ANSWERS: 0 TO 0

STN Columbus

L19 0 SEA SSS SAM L17 AND L16

=> s sss full l18

FULL SEARCH INITIATED 13:46:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 142461 TO ITERATE

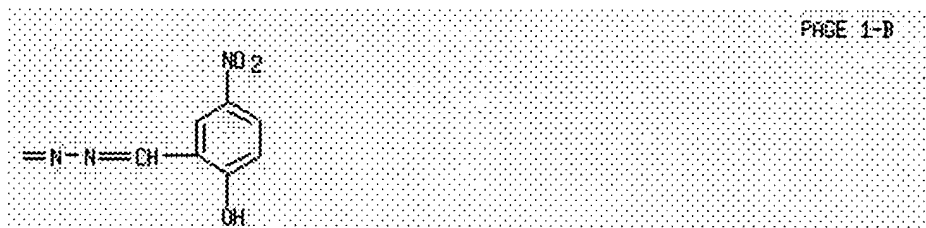
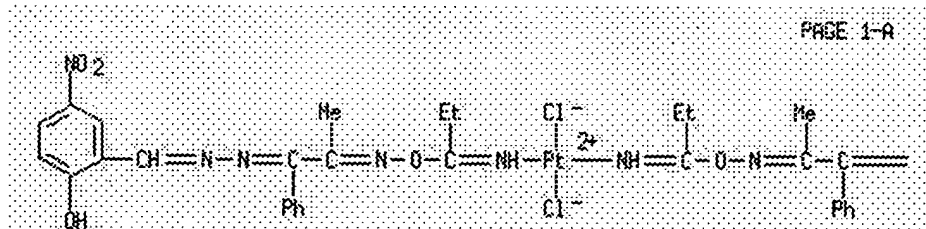
100.0% PROCESSED 142461 ITERATIONS
SEARCH TIME: 00.00.05

34 ANSWERS

L20 34 SEA SSS FUL L17 AND L16

=> d scan

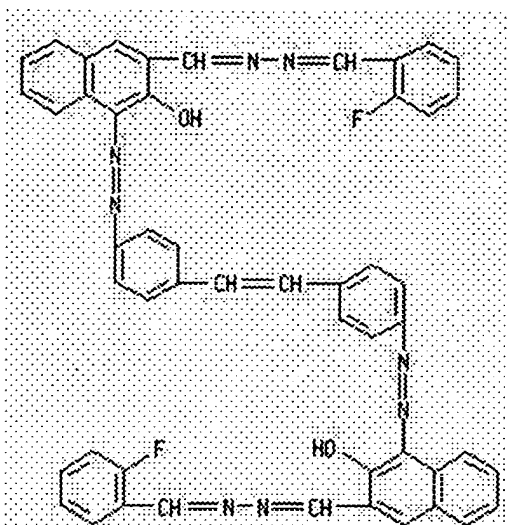
L20 34 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Platinum, dichlorobis[[C(E)]-2-hydroxy-5-nitrobenzaldehyde
(2E)-[(2E)-2-[(1Z)-1-(imino-κN)propoxy]imino]-1-
phenylpropylidene]hydrazone]-, (SP-4-1)- (9CI)
MF C38 H38 Cl2 N10 O8 Pt
CI CCS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

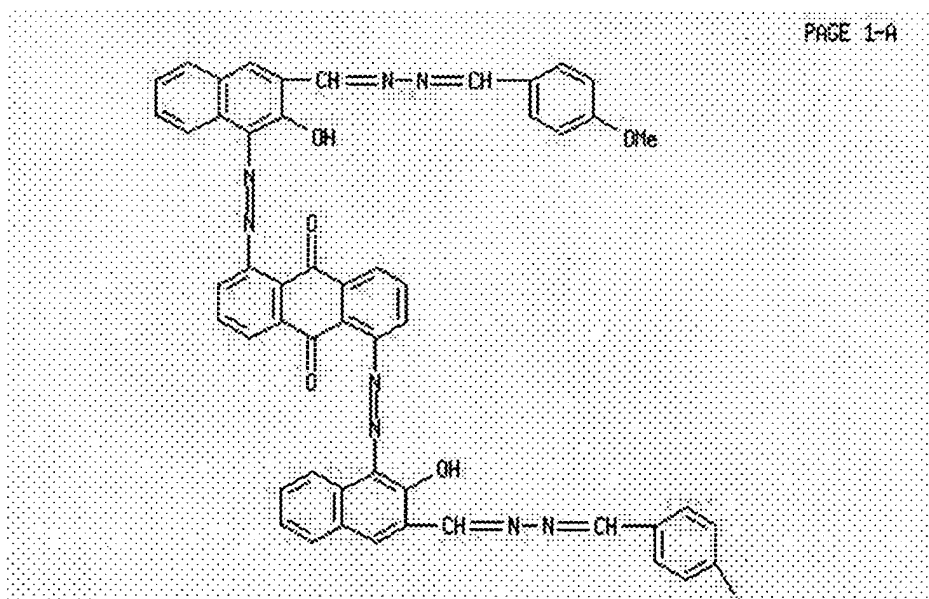
L20 34 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Naphthalenecarboxaldehyde, 4,4'-[1,2-ethenediylbis(4,1-
phenyleneazo)]bis[3-hydroxy-, bis[(2-fluorophenyl)methylene]hydrazone]
(9CI)
MF C50 H34 F2 N8 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L20 34 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 2-Naphthalenecarboxaldehyde, 4,4'-[(9,10-dihydro-9,10-dioxo-1,5-anthracenediyl)bis(azo)]bis[3-hydroxy-, 2,2'-bis[[4-methoxyphenyl)methylene]hydrazone] (9CI)
 MF C52 H36 N8 O6



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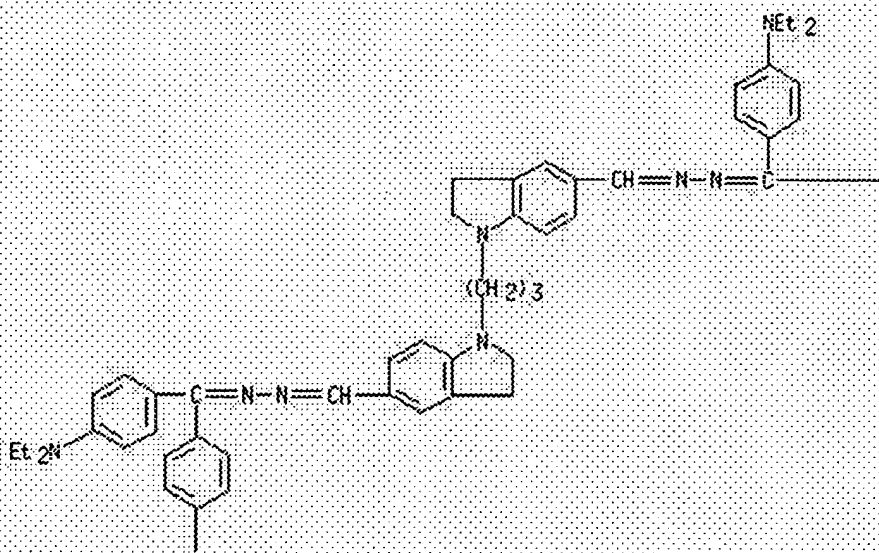
ONE

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

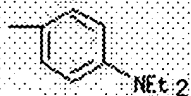
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L20 34 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 1H-Indole-5-carboxaldehyde, 1,1'-(1,3-propanediyl)bis[2,3-dihydro-,
 bis[[bis[4-(diethylamino)phenyl]methylene]hydrazone] (9CI)
 MF C63 H78 N10

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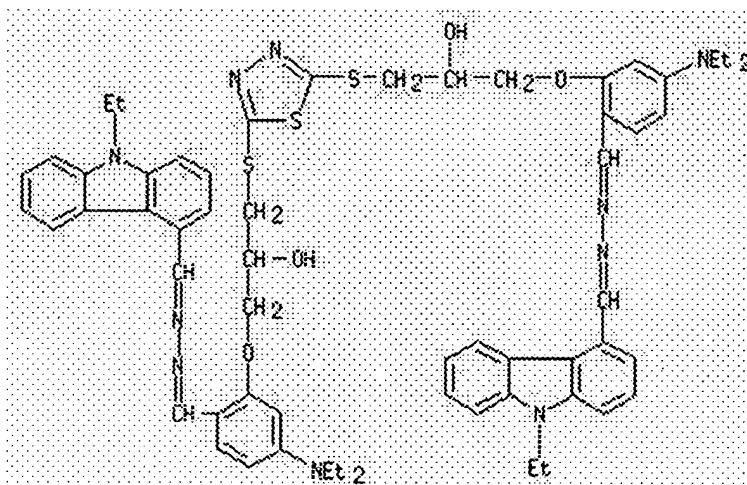
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L20 34 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Carbazole-4-carboxaldehyde, 9-ethyl-, [1,3,4-thiadiazole-2,5-diylbis[thio(2-hydroxy-3,1-propanediyl)oxy[4-(diethylamino)-2,1-phenylene]methylidyne]]dihydrazone (9CI)
 MF C60 H66 N10 O4 S3

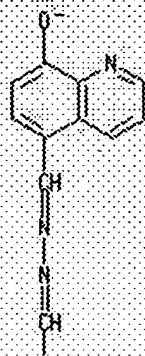


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

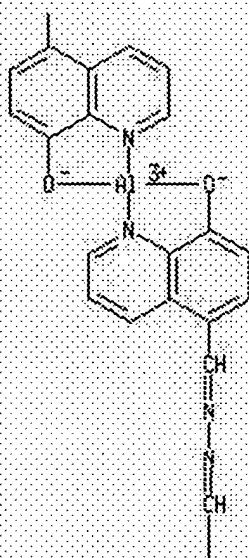
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L20 34 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Aluminum, [μ -[[5,5'-(azinodimethylidyne)bis[8-quinolinolato-kN1,kO8]](2-)]bis[5-[[[(8-hydroxy-5-quinolinyl)methylene]hydrazono]methyl]-8-quinolinolato(2-)-kN1,kO8]di- (9CI)
 MF C60 H36 Al2 N12 O6
 CI CCS

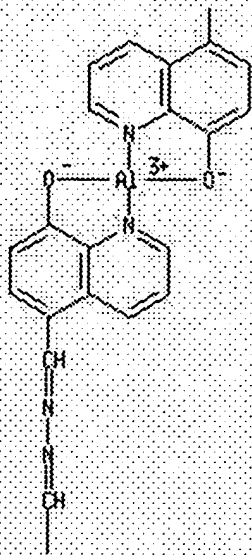
PAGE 1-A



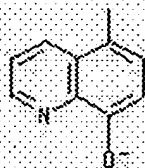
PAGE 2-A



PAGE 3-A



PAGE 4-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> fil ca

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

169.93

170.14

FILE 'CA' ENTERED AT 13:48:11 ON 06 SEP 2005

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FILE COVERS 1907 - 1 Sep 2005 VOL 143 ISS 11

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FILE LAST UPDATED: 1 Sep 2005 (20050901/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 12:43:23 ON 06 SEP 2005)

FILE 'REGISTRY' ENTERED AT 12:43:36 ON 06 SEP 2005

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L6          STRUCTURE UPLOADED
L7          QUE L6 AND L5
L8          SCREEN 1996
L9          STRUCTURE UPLOADED
L10         QUE L9 AND L8
L11         23 S SAM L10
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L13         STRUCTURE UPLOADED
L14         QUE L13 AND L12
L15         0 S SAM L14
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L18         QUE L17 AND L16
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FILE 'CA' ENTERED AT 13:48:11 ON 06 SEP 2005

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L21 10 L20

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L21 ANSWER 1 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

```
AN 142:325852 CA
TI Organophotoreceptor with charge transport compound with an azine group
IN Tokarski, Zbigniew; Jubran, Nusrallah; Getautis, Vytautas; Daskeviciene,
   Maryte; Paulauskaite, Ingrida; Maldzius, Robertas; Sidaravicius, Jonas
PA USA
SO U.S. Pat. Appl. Publ., 21 pp.
   CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1
```

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005058920	A1	20050317	US 2003-663971	20030916
	EP 1519237	A2	20050330	EP 2004-255201	20040827
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
				US 2003-663971	A 20030916
	JP 2005092214	A2	20050407	JP 2004-269879	20040916
				US 2003-663971	A 20030916

STN Columbus

OS MARPAT 142:325852

IT 848044-78-0P 848044-79-1P 848044-80-4P

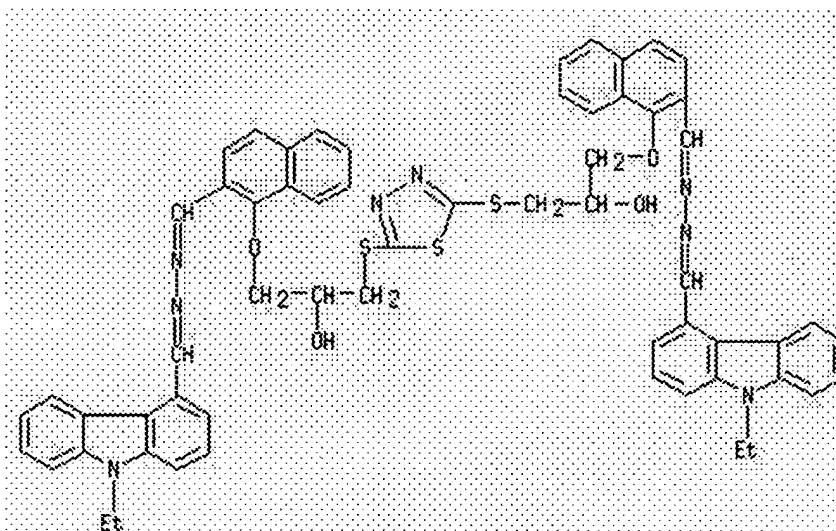
848044-81-5P

RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(organo photoreceptor with charge transport compd. with azine group)

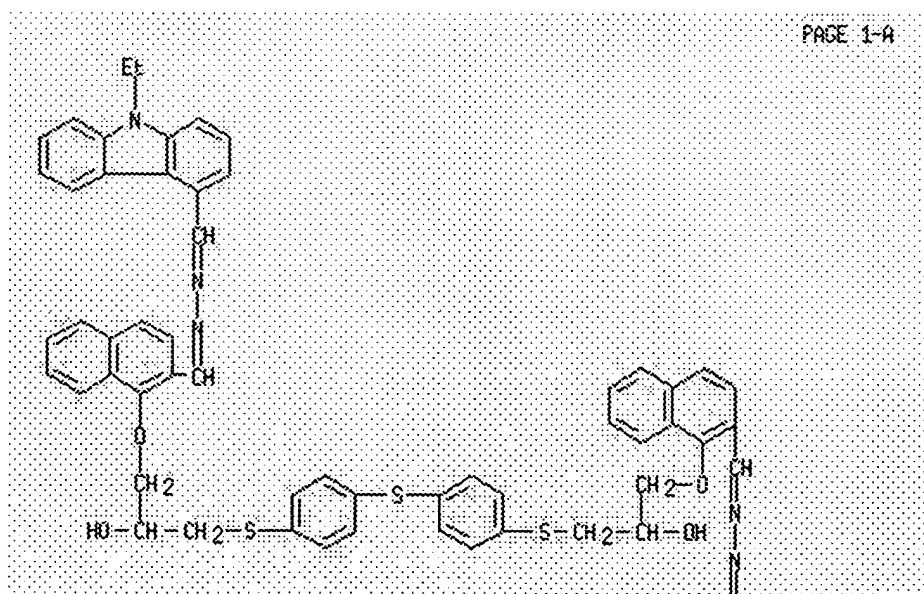
RN 848044-78-0 CA

CN 9H-Carbazole-4-carboxaldehyde, 9-ethyl-, [1,3,4-thiadiazole-2,5-diylbis[thio(2-hydroxy-3,1-propanediyl)oxy-1,2-naphthalenediylmethylidene]]dihydrazone (9CI) (CA INDEX NAME)



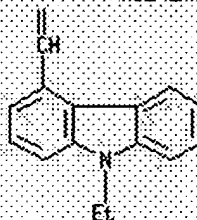
RN 848044-79-1 CA

CN 9H-Carbazole-4-carboxaldehyde, 9-ethyl-, [thiobis[4,1-phenylenethio(2-hydroxy-3,1-propanediyl)oxy-1,2-naphthalenediylmethylidene]]dihydrazone (9CI) (CA INDEX NAME)



PAGE 1-A

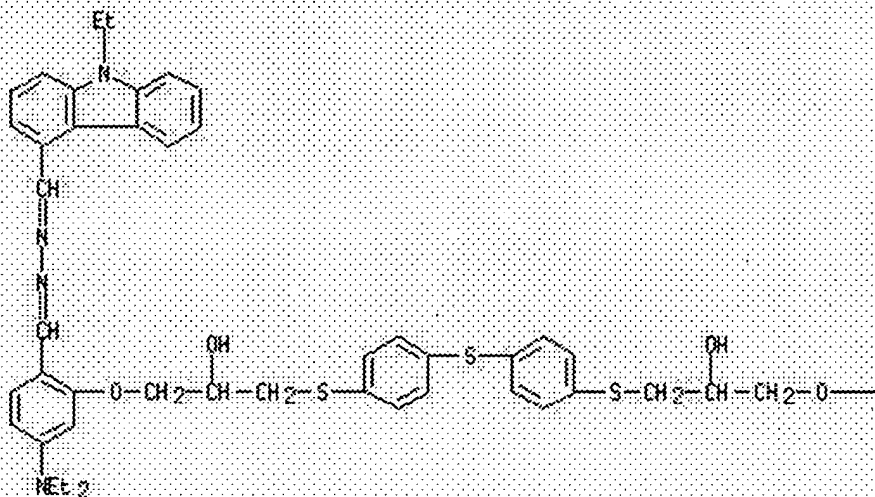
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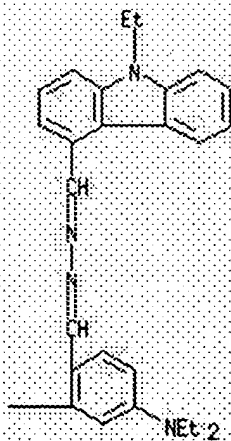
RN 848044-80-4 CA

CN 9H-Carbazole-4-carboxaldehyde, 9-ethyl-, [thiobis[4,1-phenylenethio(2-hydroxy-3,1-propanediyl)oxy[4-(diethylamino)-2,1-phenylene]methylidyne]]dihydrazone (9CI) (CA INDEX NAME)

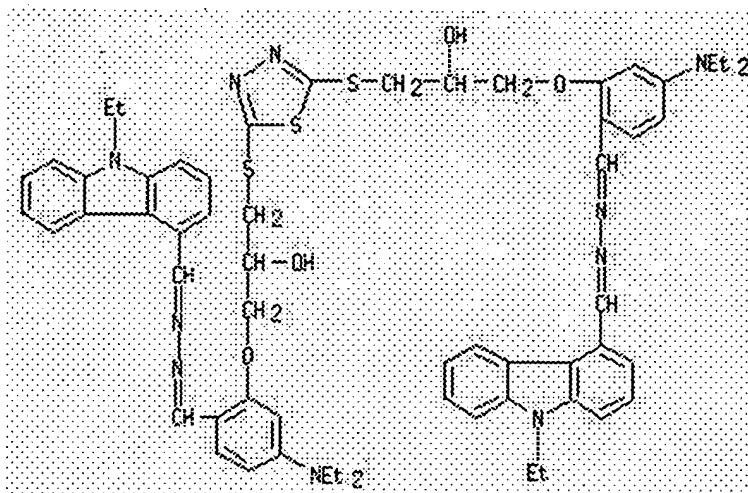
PAGE 1-A



PAGE 1-B



RN 848044-81-5 CA
 CN 9H-Carbazole-4-carboxaldehyde, 9-ethyl-, [1,3,4-thiadiazole-2,5-diylbis[thio(2-hydroxy-3,1-propanediyl)oxy[4-(diethylamino)-2,1-phenylene]methylidyne]]dihydrazone (9CI) (CA INDEX NAME)



L21 ANSWER 2 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 142:103066 CA
 TI Azine-based dimeric charge transport materials
 IN Tokarski, Zbigniew; Jubran, Nusrallah; Getautis, Vytautas; Gaidelis, Valentas; Daskeviciene, Maryte; Montrimas, Edmundas; Paulauskaite, Ingrida; Sidaravicius, Jonas
 PA USA
 SO U.S. Pat. Appl. Publ., 20 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004265717	A1	20041230	US 2004-760039	20040116
			US 2003-483726P	P 20030630
EP 1494080	A1	20050105	EP 2004-253868	20040629
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
			US 2003-483726P	P 20030630
			US 2004-760039	A 20040116
JP 2005025192	A2	20050127	JP 2004-194403	20040630
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			US 2004-760039	A 20040116

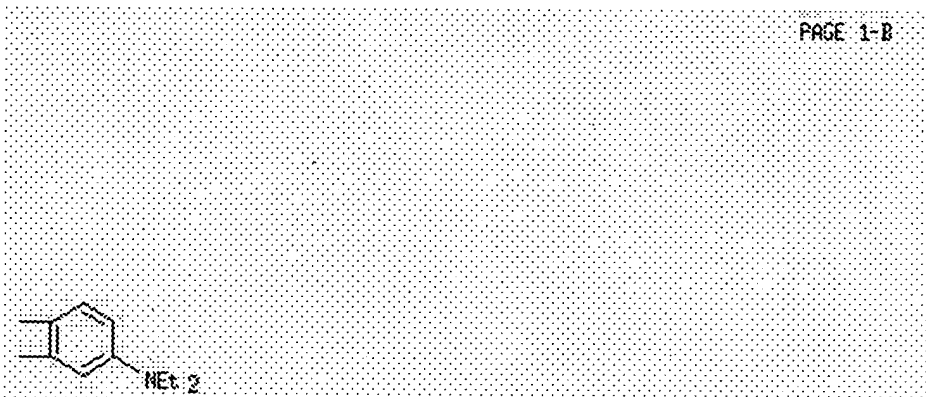
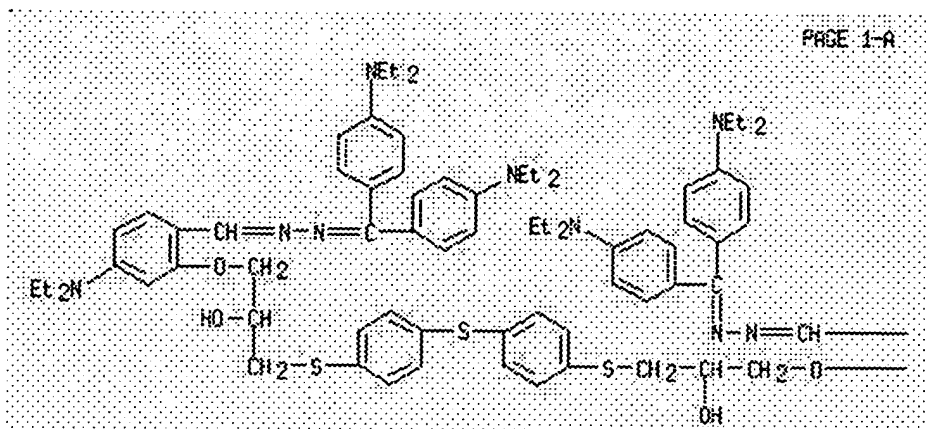
OS MARPAT 142:103066

IT 816464-02-5P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (azine-based dimeric charge transport materials for electrophotog.)

RN 816464-02-5 CA

CN Benzaldehyde, 2,2'-[thiobis[4,1-phenylenethio(2-hydroxy-3,1-propanediyl)oxy]]bis[4-(diethylamino)-, bis[[bis[4-(diethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX NAME)



L21 ANSWER 3 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 141:63806 CA

TI Regioselective HON-addition of bifunctional hydrazone oximes to Pt(IV)-bound nitriles

AU Garnovskii, Dmitrii A.; Pombeiro, Armando J. L.; Haukka, Matti; Sobota, Piotr; Kukushkin, Vadim Yu.

CS Centro de Quimica Estrutural, Complexo I, Instituto Superior Tecnico, Lisbon, 1049-001, Port.

SO Dalton Transactions (2004), (7), 1097-1103

CODEN: DTARAF; ISSN: 1477-9226

PB Royal Society of Chemistry

DT Journal

LA English

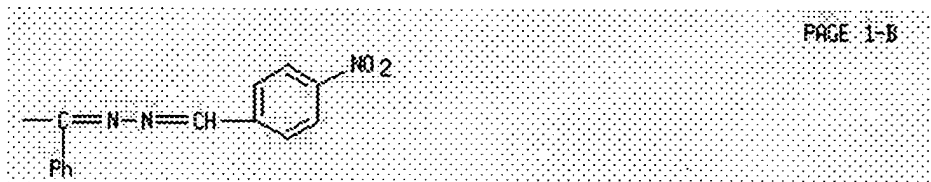
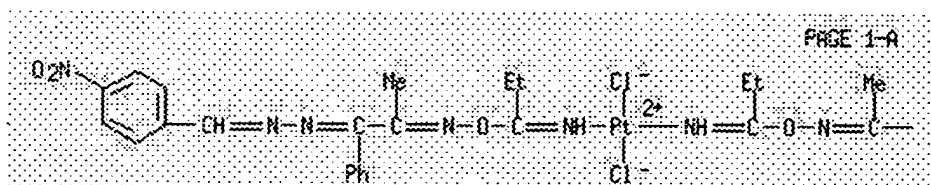
OS CASREACT 141:63806

IT 709046-45-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 709046-45-7 CA

CN Platinum, dichlorobis[4-nitrobenzaldehyde [2-[[1-(imino-
KN)propoxy]imino]-1-phenylpropylidene]hydrazone]-, (SP-4-1)- (9CI)
(CA INDEX NAME)

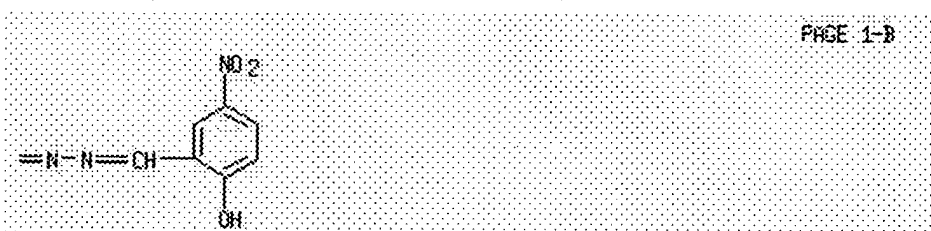
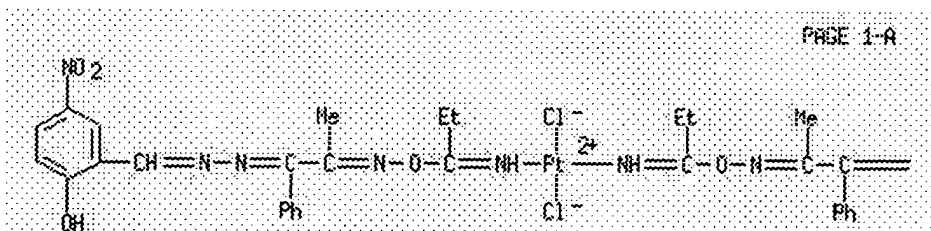


IT 709046-44-6P

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn., crystal structure and reaction with transition metal acetates)

RN 709046-44-6 CA

CN Platinum, dichlorobis[[C(E)]-2-hydroxy-5-nitrobenzaldehyde
(2E)-[(2E)-2-[[[(1Z)-1-(imino-κN)propoxy]imino]-1-phenylpropylidene]hydrazone]-, (SP-4-1)-(9CI) (CA INDEX NAME)



RE.CNT 93 THERE ARE 93 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 4 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 140:209349 CA

TI Novel polymeric metal complexes based on bis-(8-hydroxyquinoline)

AU Xie, Juntao; Fan, Liqiang; Su, Jianhua; Tian, He

CS Institute of Fine Chemicals, East China University of Science Technology, Shanghai, 2

SO Dyes and Pigments (2003), 59(2), 153-162

CODEN: DYPIDX; ISSN: 0143-7208

PB Elsevier Science Ltd.

DT Journal

STN Columbus

LA English

OS CASREACT 140:209349

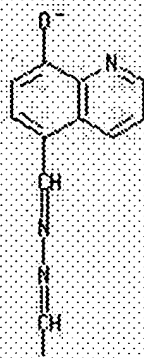
IT 661454-25-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of polymeric)

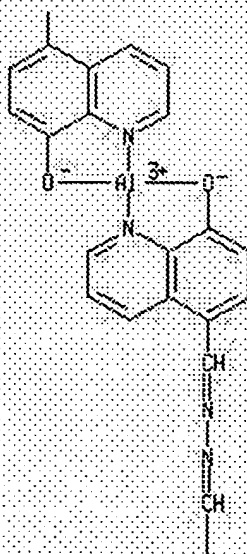
RN 661454-25-7 CA

CN Aluminum, $[\mu - [[5, 5' - (\text{azinodimethylidyne})\text{bis}[8\text{-quinolinolato-}\kappa\text{N1}, \kappa\text{O8}]] (2-)] \text{bis}[5 - [[[8\text{-hydroxy-5-quinolinyl)methylene]hydrazono]methyl}] - 8\text{-quinolinolato}(2-) - \kappa\text{N1}, \kappa\text{O8}] \text{di-} (9\text{CI}) (CA \text{ INDEX NAME})$

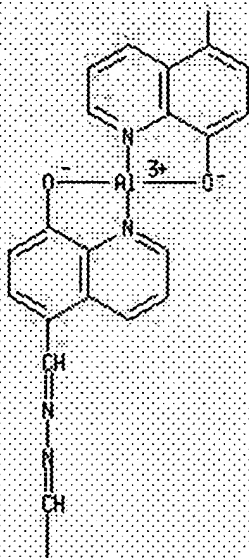
PAGE 1-A



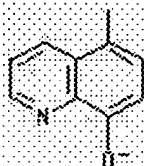
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PAGE 3-A



PAGE 4-A

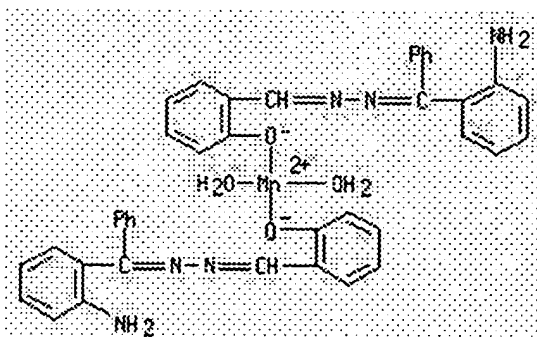


RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 5 OF 10 CA COPYRIGHT 2005 ACS on STN

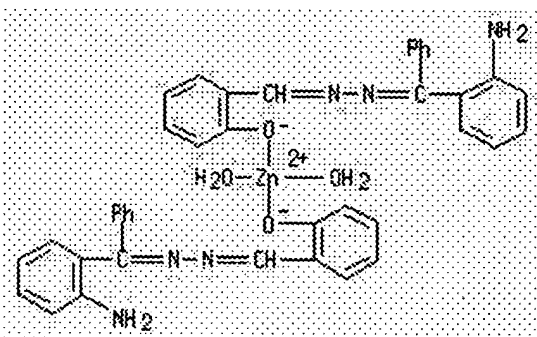
Full Text

AN 125:103402 CA
 TI Studies on some bivalent metal complexes of 2-aminobenzophenone
 salicylaldazine
 AU Singh, B.; Srivastav, A. K.
 CS Dep. Chem., Banaras Hindu Univ., Varanasi, 221005, India
 SO Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry (1996),
 26(5), 819-830
 CODEN: SRIMCN; ISSN: 0094-5714
 PB Dekker
 DT Journal
 LA English
 IT 178685-71-7P 178685-75-1P 178685-76-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 178685-71-7 CA
 CN Manganese, diaquabis[2-hydroxybenzaldehyde [(2-
 aminophenyl)phenylmethylene]hydrazonato-O]- (9CI) (CA INDEX NAME)



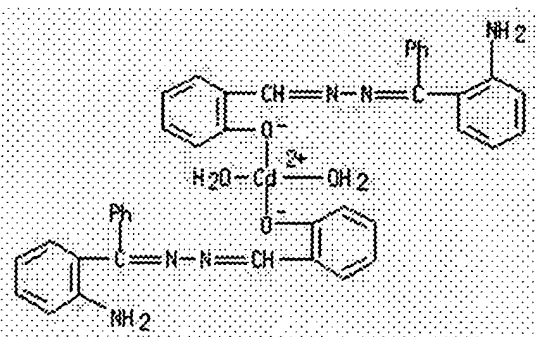
RN 178685-75-1 CA

CN Zinc, diaquabis[2-hydroxybenzaldehyde ((2-aminophenyl)phenylmethylene)hydrazonato-O]-, (T-4)- (9CI) (CA INDEX NAME)



RN 178685-76-2 CA

CN Cadmium, diaquabis[2-hydroxybenzaldehyde ((2-aminophenyl)phenylmethylene)hydrazonato-O]-, (T-4)- (9CI) (CA INDEX NAME)



L21 ANSWER 6 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 112:45614 CA

TI Electrophotographic photoreceptor using azo dye

IN Shiino, Yasuko; Umehara, Masashige

PA Canon K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 19 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

PI JP 01021458 A2 19890124 JP 1987-177029 19870717
JP 1987-177029 19870717

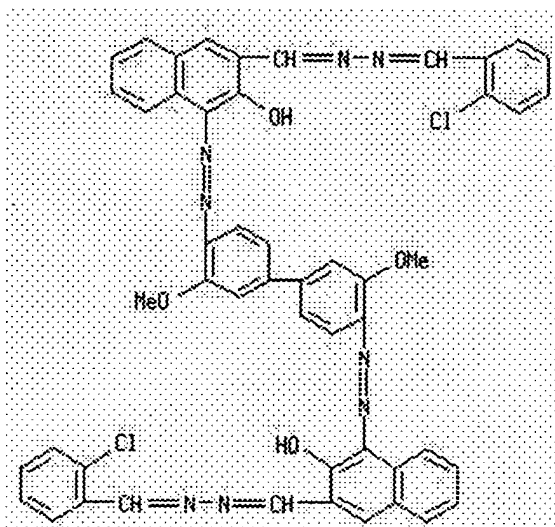
IT 123576-97-6 123576-98-7 123576-99-8
123577-00-4 123577-01-5 123577-02-6
123577-03-7 123577-04-8 123577-05-9
123577-06-0 123577-07-1 123577-08-2
123577-09-3 123598-86-7 123598-87-8
124633-35-8

RL: USES (Uses)

(photoconductive layer contg., for electrophotog. photoreceptor)

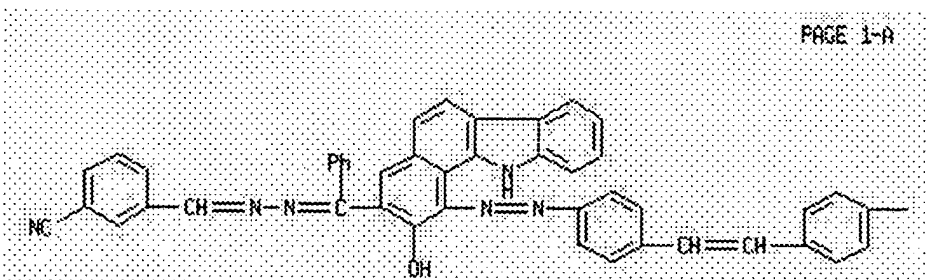
RN 123576-97-6 CA

CN 2-Naphthalenecarboxaldehyde, 4,4'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-hydroxy-, bis[(2-chlorophenyl)methylene]hydrazone]
(9CI) (CA INDEX NAME)



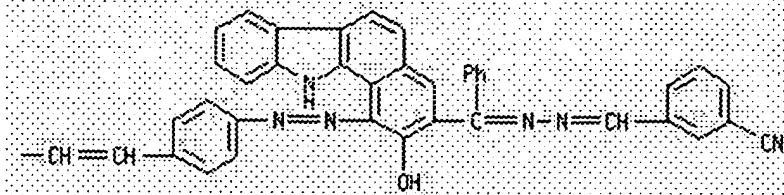
RN 123576-98-7 CA

CN Benzonitrile, 3,3'-[1,4-phenylenebis[2,1-ethenediyl-4,1-phenyleneazo(2-hydroxy-11H-benzo[a]carbazole-1,3-diyl) (phenylmethylidyne)azinomethylidyne]]bis- (9CI) (CA INDEX NAME)



PAGE 1-A

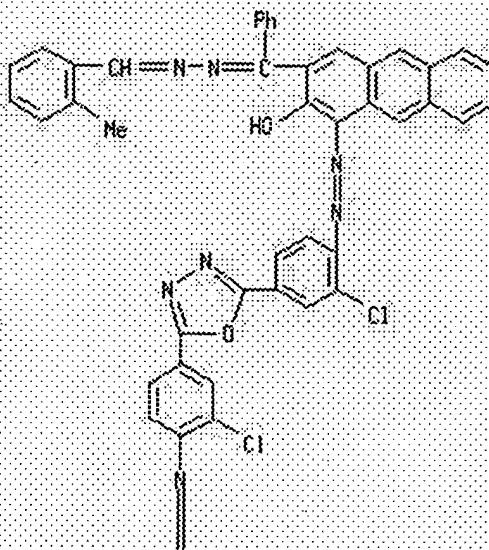
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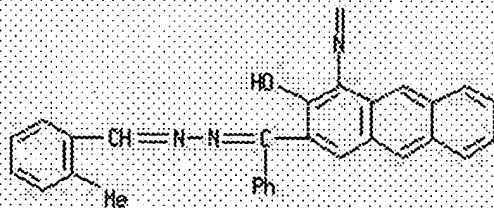
RN 123576-99-8 CA

CN Benzaldehyde, 2-methyl-, [1,3,4-oxadiazole-2,5-diylbis[(2-chloro-4,1-phenylene)azo(2-hydroxy-1,3-anthracenediyl)(phenylmethylidene)]]dihydrazon
e (9CI) (CA INDEX NAME)

PAGE 1-A



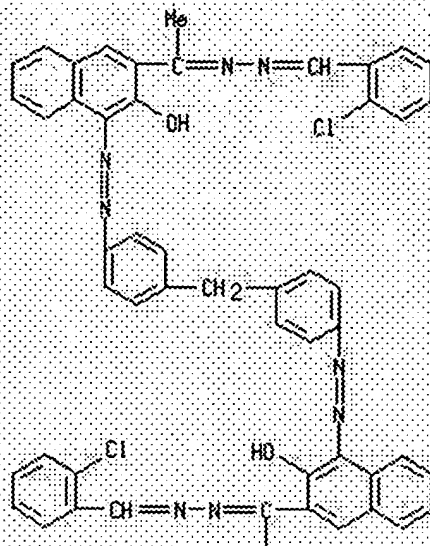
PAGE 2-A



RN 123577-00-4 CA

CN Benzaldehyde, 2-chloro-, [methylenebis[4,1-phenyleneazo(2-hydroxy-1,3-naphthalenediyl)ethylidyne]]dihydrazon
e (9CI) (CA INDEX NAME)

PAGE 1-A



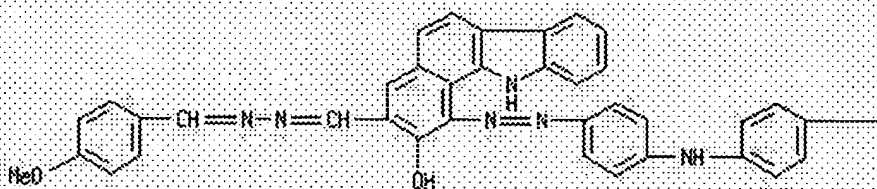
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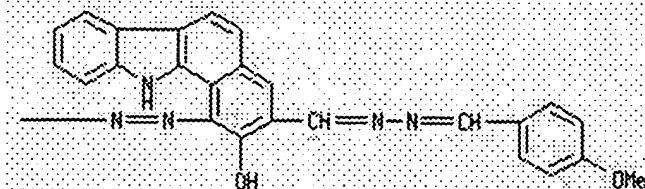
RN 123577-01-5 CA

CN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1,1'-[iminobis(4,1-phenyleneazo)]bis[2-hydroxy-, bis[[4-methoxyphenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)

PAGE 1-A



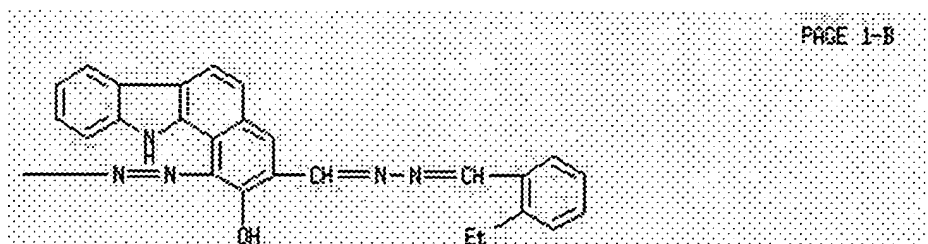
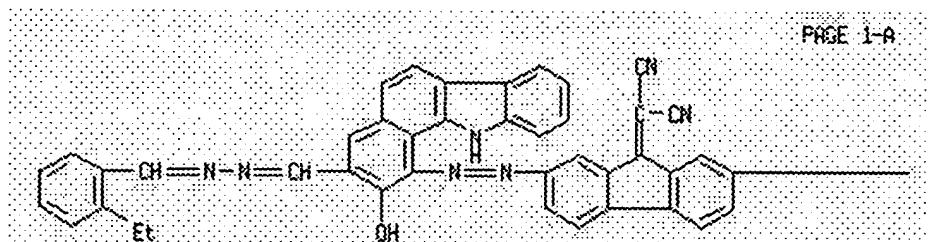
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RN 123577-02-6 CA

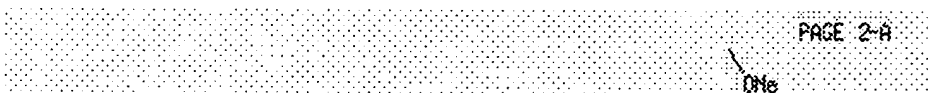
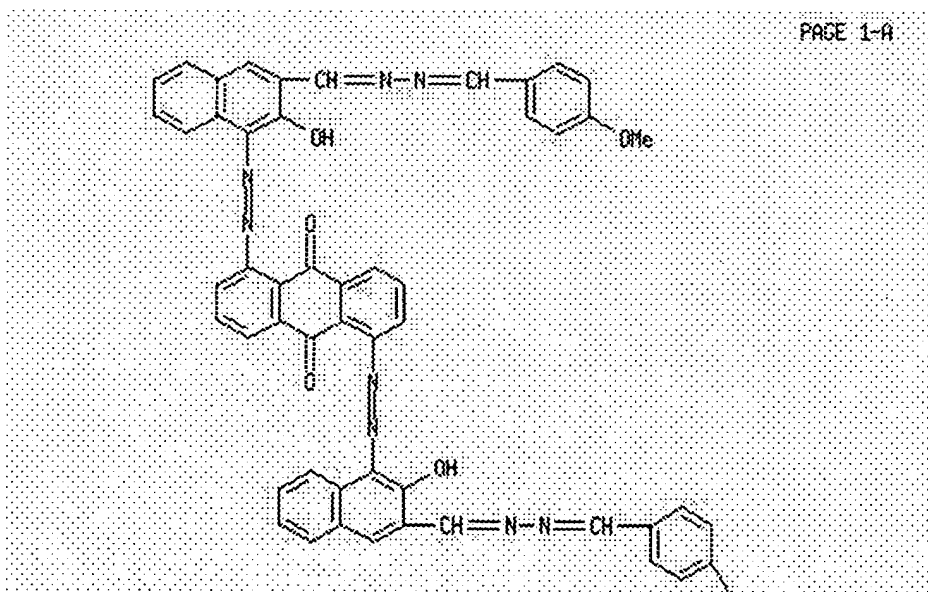
CN Propanedinitrile, [2,7-bis[[3-[[[(2-ethylphenyl)methylene]hydrazone]methyl]-2-hydroxy-11H-benzo[a]carbazol-1-yl]azo]-9H-fluoren-9-ylidene]- (9CI)

(CA INDEX NAME)



RN 123577-03-7 CA

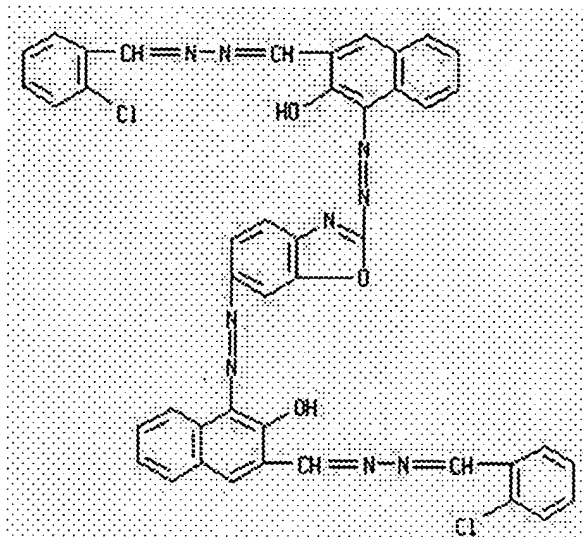
CN 2-Naphthalenecarboxaldehyde, 4,4'-[(9,10-dihydro-9,10-dioxo-1,5-anthracenediyl)bis(azo)]bis[3-hydroxy-, 2,2'-bis[[(4-methoxyphenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)



STN Columbus

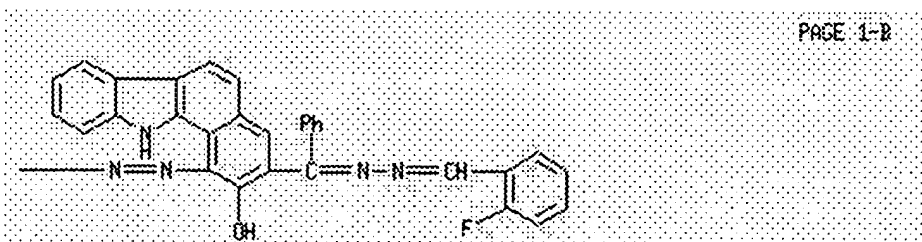
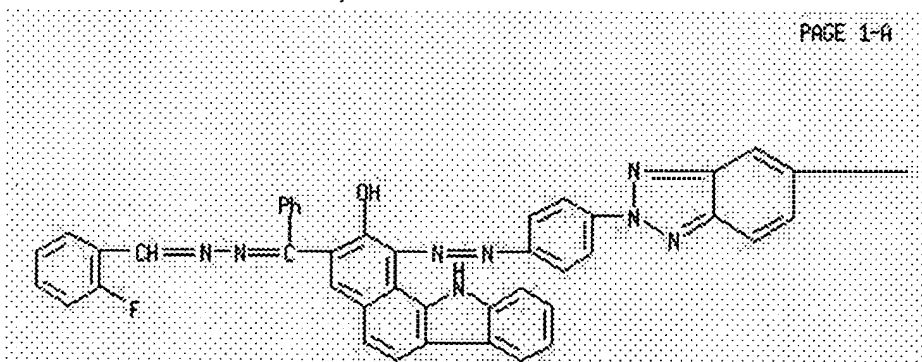
RN 123577-04-8 CA

CN 2-Naphthalenecarboxaldehyde, 4,4'-[2,6-benzoxazolediylbis(azo)]bis[3-hydroxy-, bis[[2-chlorophenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)



RN 123577-05-9 CA

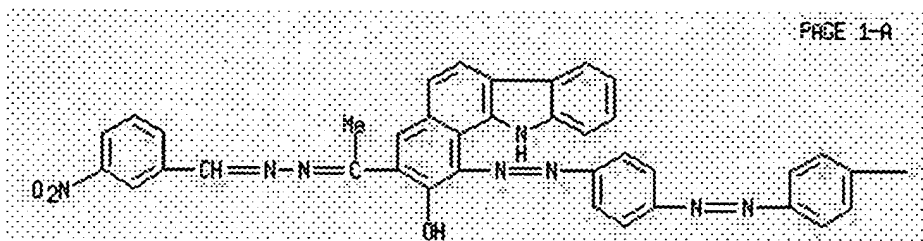
CN Benzaldehyde, 2-fluoro-, [[1-[[4-[5-[[3-[[[(2-fluorophenyl)methylene]hydrazono]phenylmethyl]-2-hydroxy-11H-benzo[a]carbazol-1-yl]azo]-2H-benzotriazol-2-yl]phenyl]azo]-2-hydroxy-11H-benzo[a]carbazol-3-yl]phenylmethylene]hydrazone (9CI) (CA INDEX NAME)



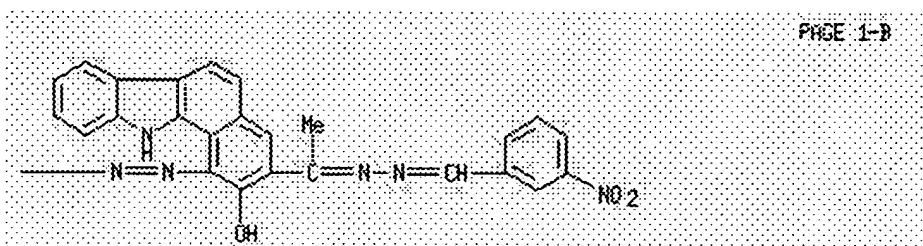
RN 123577-06-0 CA

CN Benzaldehyde, 3-nitro-, [azobis[4,1-phenyleneazo(2-hydroxy-11H-benzo[a]carbazole-1,3-diyl)ethyldiylne]]dihydrazone (9CI) (CA INDEX NAME)

PAGE 1-A

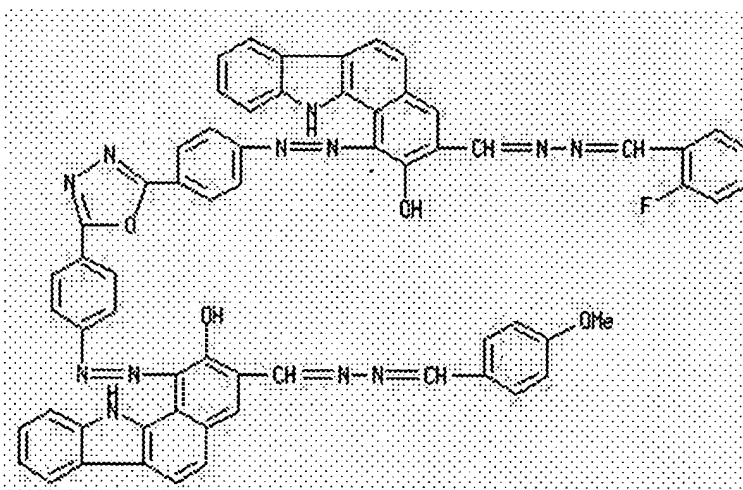


PAGE 1-B



RN 123577-07-1 CA

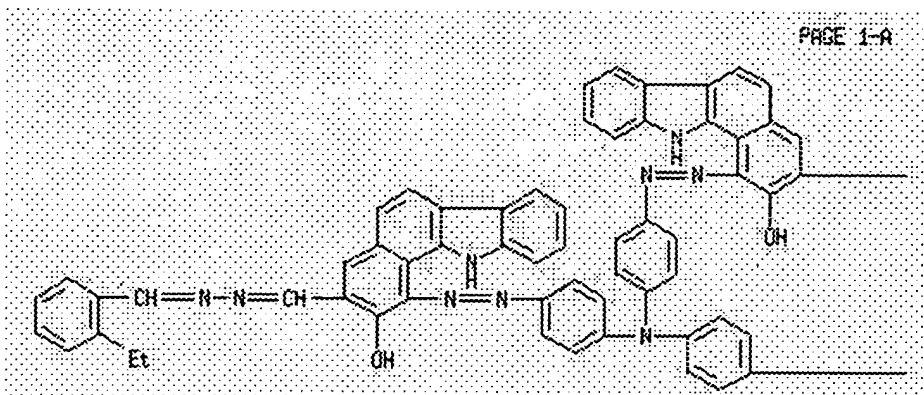
CN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1-[[4-[5-[4-[[3-[[[(2-fluorophenyl)methylene]hydrazono)methyl]-2-hydroxy-11H-benzo[a]carbazol-1-yl]azo]phenyl]-1,3,4-oxadiazol-2-yl]phenyl]azo]-2-hydroxy-, [(4-methoxyphenyl)methylene]hydrazone (9CI) (CA INDEX NAME)



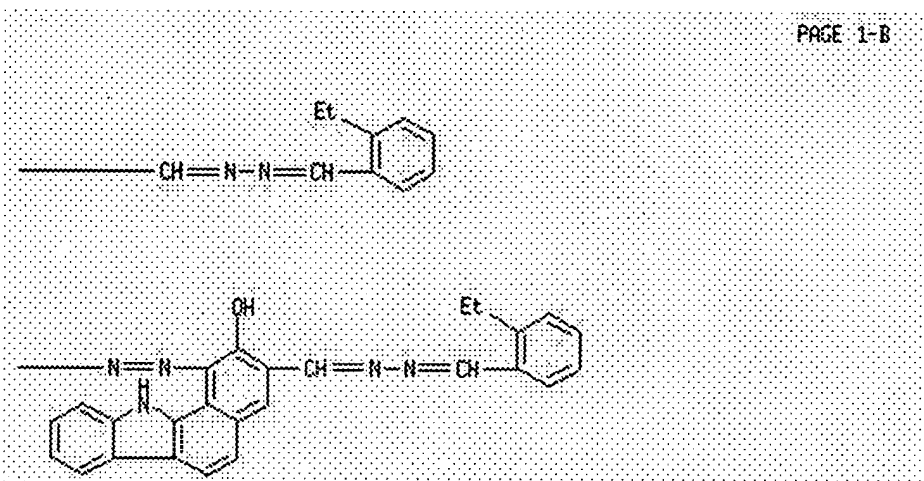
RN 123577-08-2 CA

CN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1,1',1''-[nitrilotris(4,1-phenyleneazo)]tris[2-hydroxy-, tris[[[(2-ethylphenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)

PAGE 1-A



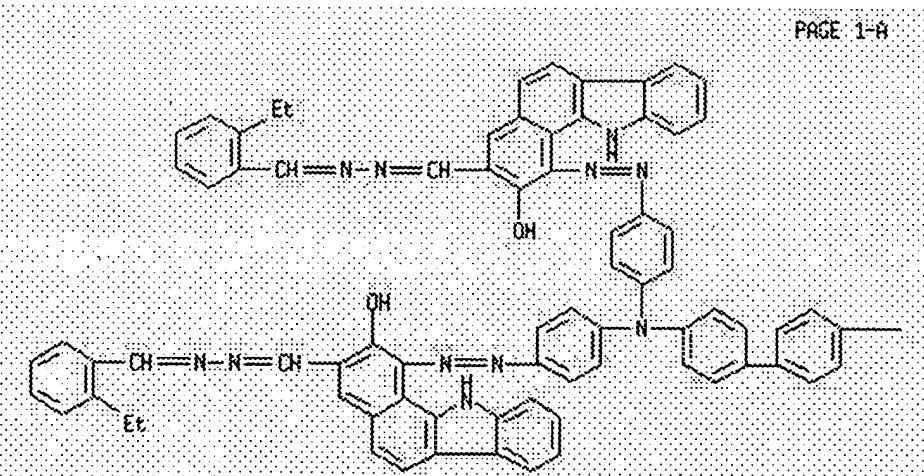
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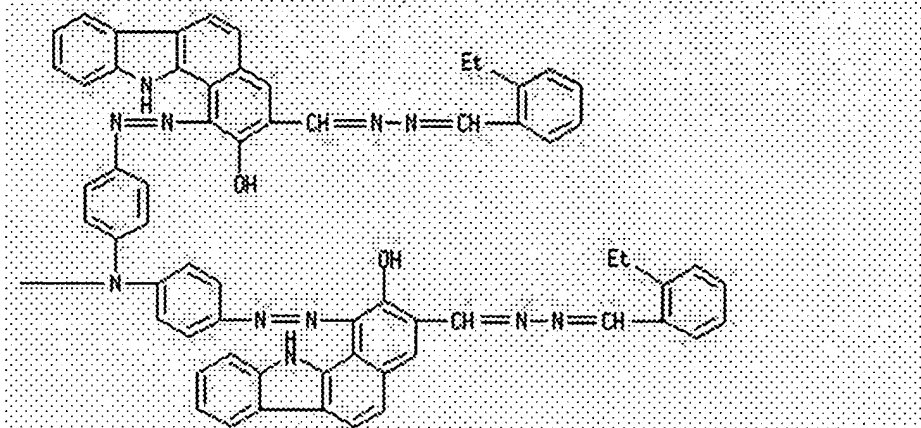
RN 123577-09-3 CA

CN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1,1',1'',1'''-[[[1,1'-biphenyl]-4,4'-diylbis[nitrilobis(4,1-phenyleneazo)]]tetrakis[2-hydroxy-, tetrakis[[2-ethylphenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)

PAGE 1-A

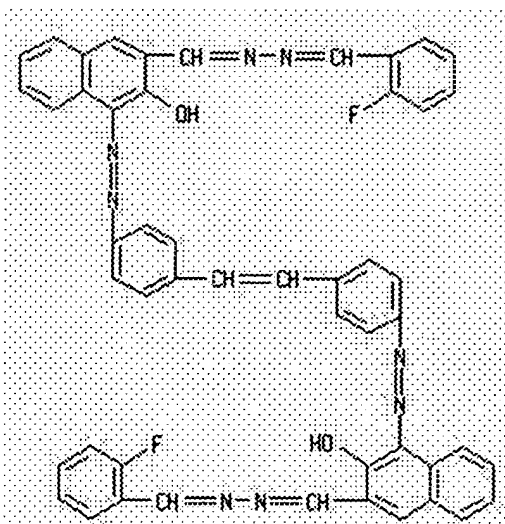


PAGE 1-B



RN 123598-86-7 CA

CN 2-Naphthalenecarboxaldehyde, 4,4'-[1,2-ethenediylbis(4,1-phenyleneazo)]bis[3-hydroxy-, bis[(2-fluorophenyl)methylene]hydrazone] (9CI) (CA INDEX NAME)

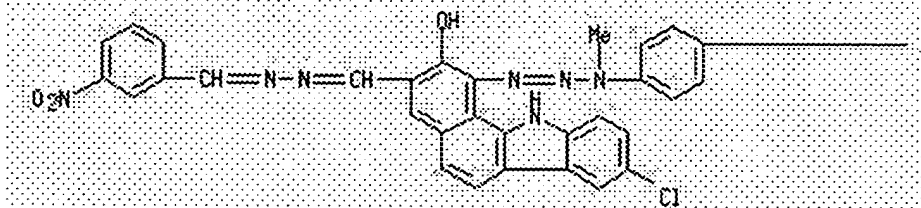


RN 123598-87-8 CA

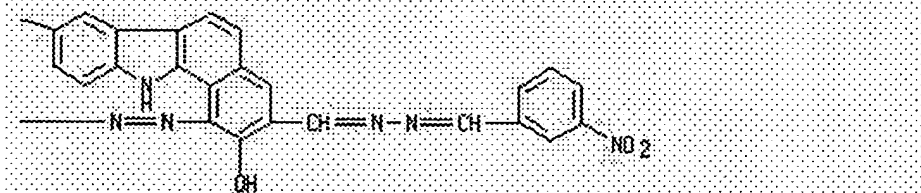
CN 11H-Benzo[a]carbazole-3-carboxaldehyde, 8-chloro-1-[3-[4-[[8-chloro-2-hydroxy-3-[[[(3-nitrophenyl)methylene]hydrazono]methyl]-11H-benzo[a]carbazol-1-yl]azo]phenyl]-3-methyl-1-triazenyl]-2-hydroxy-, [(3-nitrophenyl)methylene]hydrazone (9CI) (CA INDEX NAME)

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Cl



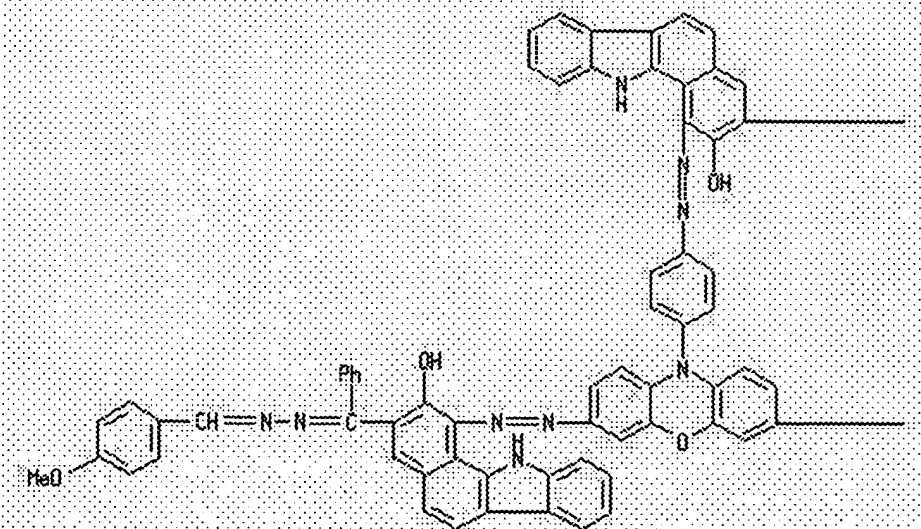
PAGE 1-B

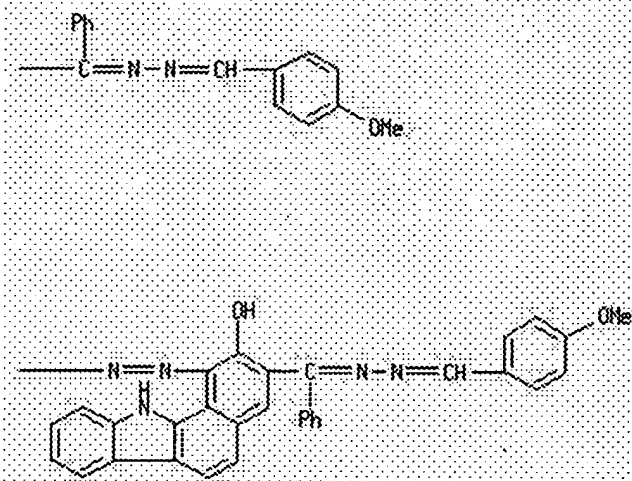


RN 124633-35-8 CA

CN Benzaldehyde, 4-methoxy-, [[10-[4-[[2-hydroxy-3-[[[(4-methoxyphenyl)methylene]hydrazono]phenylmethyl]-11H-benzo[a]carbazol-1-yl]azo]phenyl]-10H-phenoxazine-3,7-diyl]bis[azo(2-hydroxy-11H-benzo[a]carbazole-1,3-diyl)(phenylmethylidene)]]dihydrazone (9CI) (CA INDEX NAME)

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L21 ANSWER 7 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 109:83314 CA

TI Electrophotographic photosensitive element containing hydrazone or azine charge-transporting agent

IN Ueda, Hideaki

PA Minolta Camera Co., Ltd., Japan

SO Ger. Offen., 17 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 3716982	A1	19871126	DE 1987-3716982	19870520
				JP 1986-116677	A 19860521
	JP 62272271	A2	19871126	JP 1986-116677	19860521
	JP 07027230	B4	19950329		
	US 4784929	A	19881115	US 1987-51619	19870520
				JP 1986-116677	A 19860521

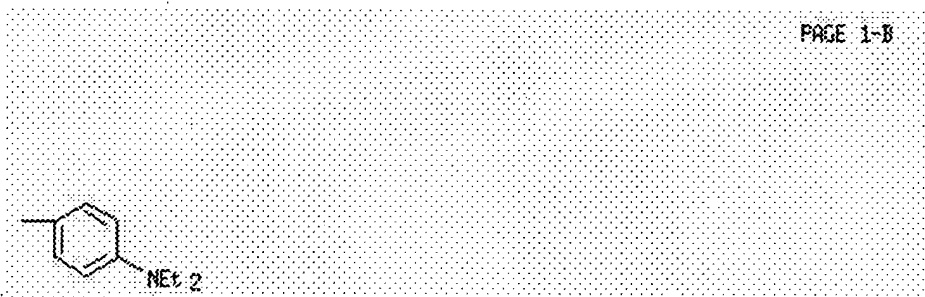
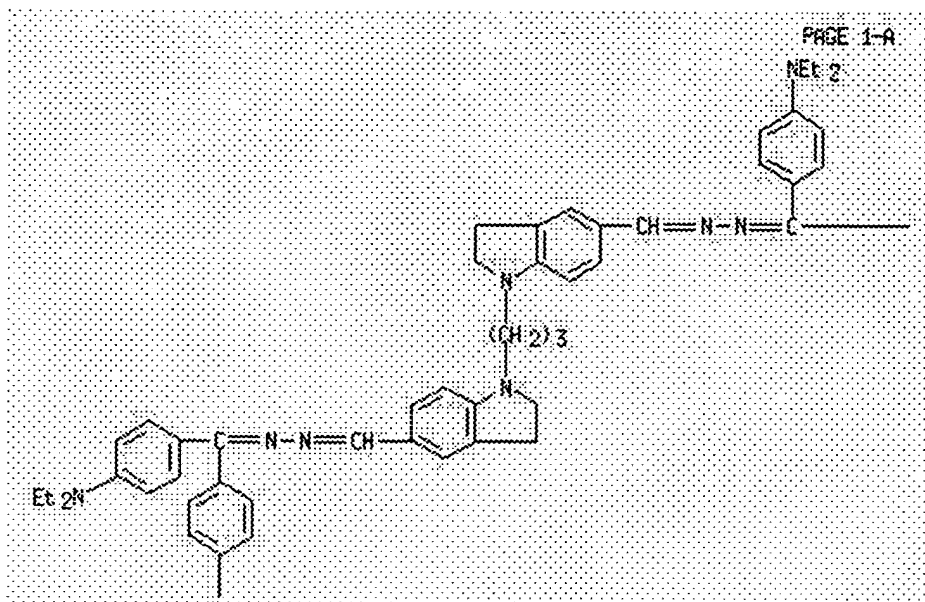
IT 115727-25-8

RL: USES (Uses)

(electrophotog. composite photoreceptor with charge-transporting layer contg.)

RN 115727-25-8 CA

CN 1H-Indole-5-carboxaldehyde, 1,1'-(1,3-propanediyl)bis[2,3-dihydro-, bis[[bis[4-(diethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX NAME)



L21 ANSWER 8 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 107:208792 CA
 TI Electrophotographic charge-transporting bishydrazone photoconductor
 IN Horie, Seiji; Makino, Naonori; Watarai, Osamu; Sato, Hideo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

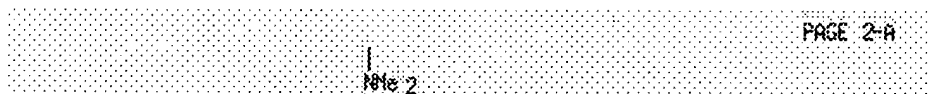
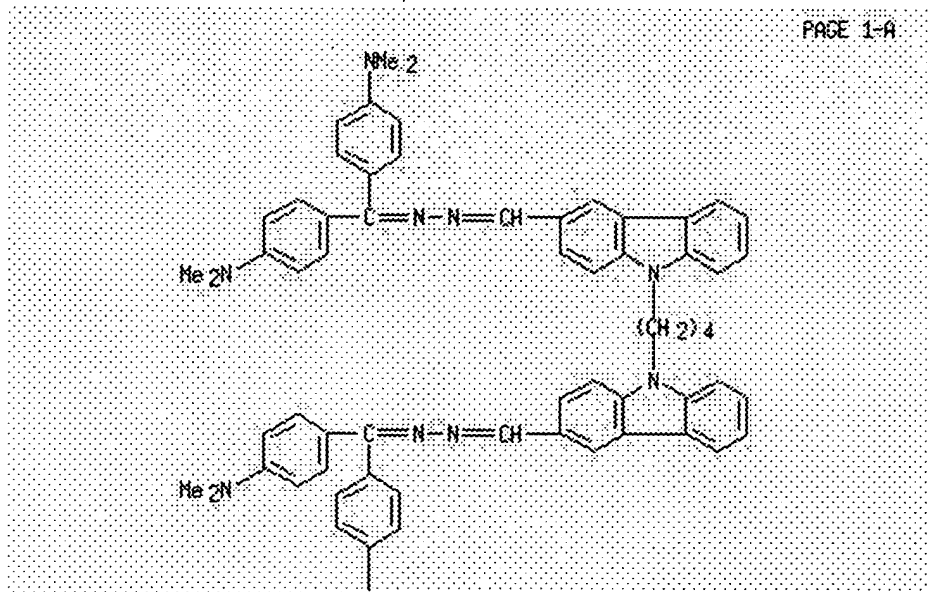
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PI	JP 62116943	A2	19870528	JP 1985-257986	19851118
				JP 1985-257986	19851118

IT 111282-34-9P 111282-36-1P

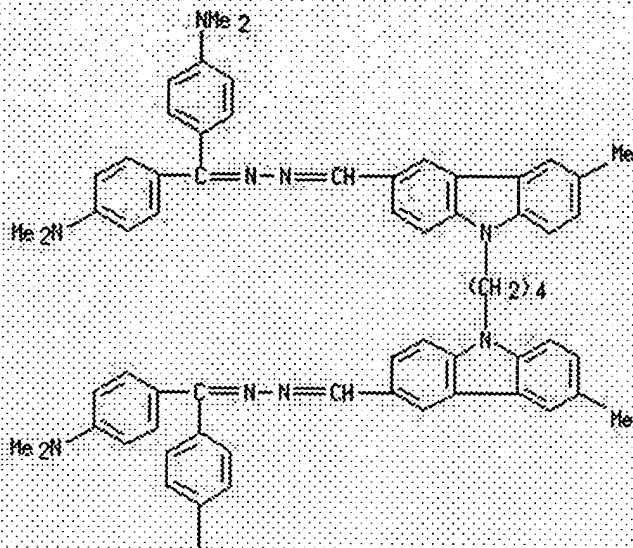
RL: SPN (Synthetic preparation); PREP (Preparation)

STN Columbus

(prepn. and use of, as electrophotog. charge-transporting agent)
 RN 111282-34-9 CA
 CN 9H-Carbazole-3-carboxaldehyde, 9,9'-(1,4-butanediyl)bis-,
 bis[[bis[4-(dimethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX
 NAME)



RN 111282-36-1 CA
 CN 9H-Carbazole-3-carboxaldehyde, 9,9'-(1,4-butanediyl)bis[6-methyl-,
 bis[[bis[4-(dimethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX
 NAME)



L21 ANSWER 9 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 105:15221 CA
 TI Electrophotographic photosensitive material
 IN Horie, Seiji; Makino, Naonori; Sato, Hideo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60262162	A2	19851225	JP 1984-118416	19840608
	JP 03074831	B4	19911128		
	US 4619880	A	19861028	US 1985-743323	19850610
				JP 1984-118416	A 19840608

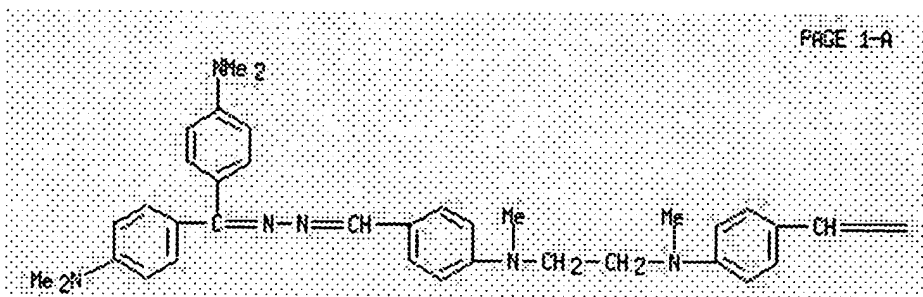
IT 102770-25-2 102790-32-9

RL: USES (Uses)
 (electrophotog. photosensitive material contg.)

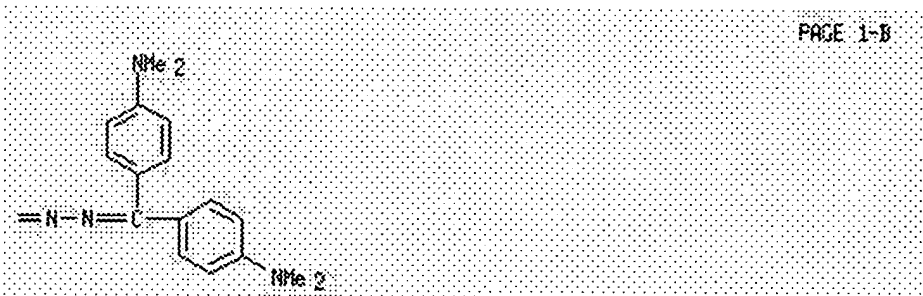
RN 102770-25-2 CA

CN Benzaldehyde, 4,4'-[1,2-ethanediylbis(methylimino)]bis-,
 bis[[bis[4-(dimethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX
 NAME)

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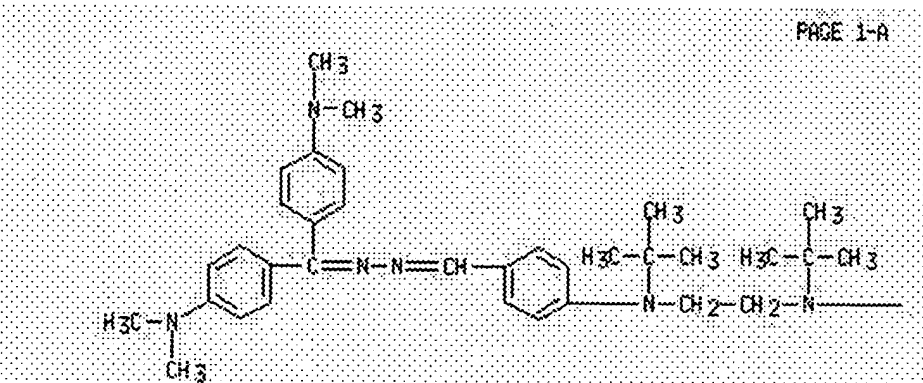
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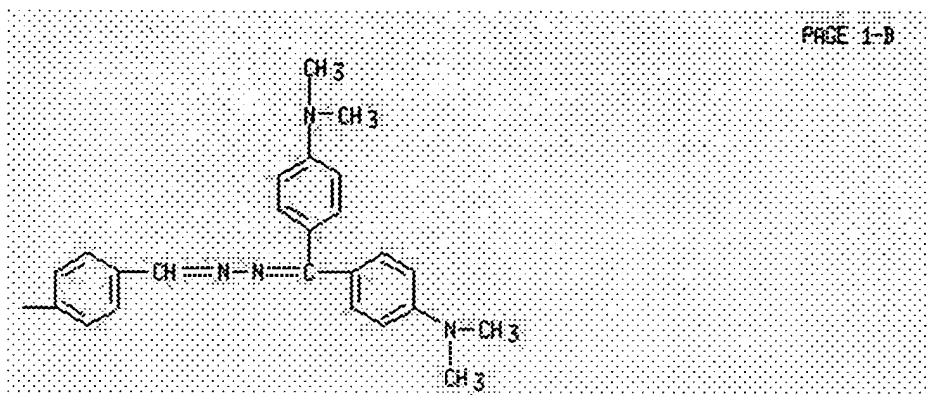


RN 102790-32-9 CA

CN Benzaldehyde, 4,4'-[1,2-ethanediylbis[(1,1-dimethylethyl)imino]]bis-,
bis[[bis[4-(dimethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX
NAME)

PAGE 1-A





L21 ANSWER 10 OF 10 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 104:139257 CA
 TI Electrophotographic photoreceptors
 IN Watarai, Osamu; Horie, Seiji
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 21 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

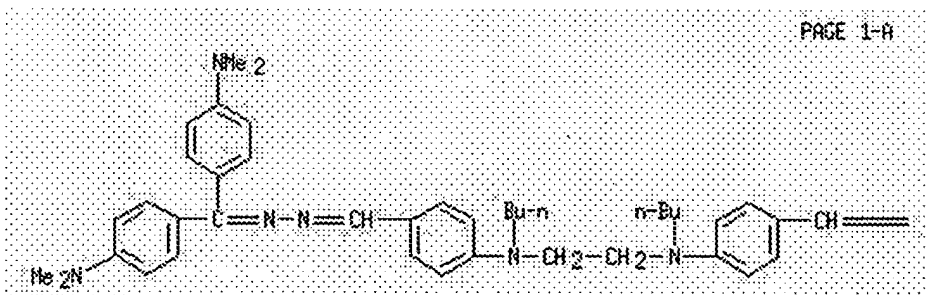
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PI	JP 60186847	A2	19850924	JP 1984-42370	19840306
	JP 04005382	B4	19920131		
	US 4594304	A	19860610	US 1985-708461	19850305
				JP 1984-42370	A 19840306

IT 101158-49-0 101158-50-3

RL: USES (Uses)
 (electrophotog. charge carrier-transporting agent)

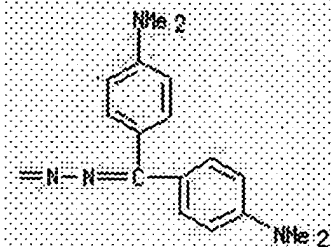
RN 101158-49-0 CA

CN Benzaldehyde, 4,4'-[1,2-ethanediylbis(butylimino)]bis-,
 bis[[bis[4-(dimethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX
 NAME)



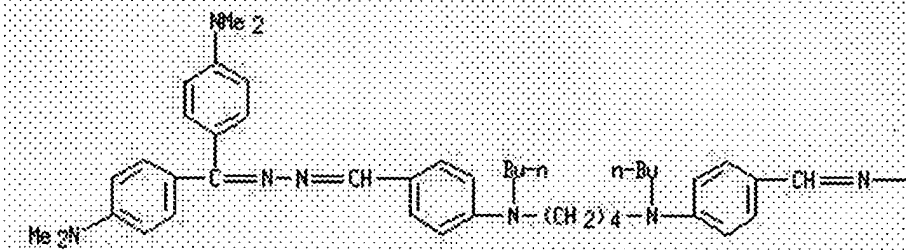
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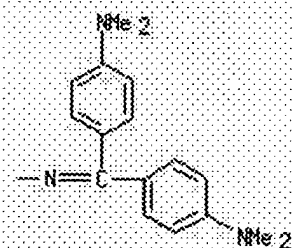


RN 101158-50-3 CA
CN Benzaldehyde, 4,4'-[1,4-butanediylbis(butylimino)]bis-,
bis[[bis[4-(dimethylamino)phenyl]methylene]hydrazone] (9CI) (CA INDEX
NAME)

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SINCE FILE	TOTAL
ENTRY	SESSION
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 2, 2005 (20050902/UP).

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